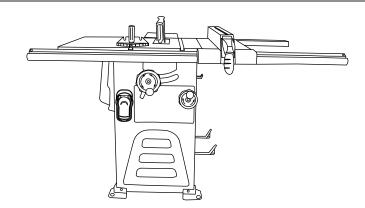
HITACHI

Model Modèle Modelo

C 10LA

Stationary Table Saw Scie sur table Sierra de mesa fija



INSTRUCTION MANUAL AND SAFETY INSTRUCTIONS

∧ **WARNING**

Improper and unsafe use of this power tool can result in death or serious bodily injury!

This manual contains important information about product safety. Please read and understand this manual before operating the power tool. Please keep this manual available for others before they use the power tool.

MODE D'EMPLOI ET INSTRUCTIONS DE SECURITE

AVERTISSEMENT

Une utilisation incorrecte et dangereuse de cet outil motorisé peut entraîner la mort ou de sérieuses blessures corporelles!

Ce mode d'emploi contient d'importantes informations à propos de la sécurité de ce produit. Priére de lire et d'assimiler ce mode d'emploi avant d'utiliser l'outil motorisé. Garder ce mode d'emploi à la disponibilité des autres utilisateurs avant qu'ils utilisent l'outil motorisé.

MANUAL DE INSTRUCCIONES E INSTRUCCIONES DE SEGURIDAD

↑ ADVERTENCIA

ⁱLa utilización inapropiada e insegura de esta herramienta eléctrica puede resultar en lesiones serias o en la muerte!

Este manual contiene información importante sobre la seguridad del producto. Lea y comprenda este manual antes de utilizar la herramienta eléctrica. Guarde este manual para que puedan leerlo otras personas antes de que utilicen la herramienta eléctrica.

CONTENTS: English **SECTION** PAGE SECTION **PAGE** Product Specifications 3 Know Your Table Saw 9 Power Tool Safety 4 Glossary of Terms 10 Table Saw Safety Assembly and Adjustments Electrical Requirements and Safety Operation Accessories and Attachments 7 Maintenance 23 Tools Needed for Assembly Troubleshooting Guide 24 Carton Contents Push Stick Pattern 25 Parts List

HITACHI AUTHORIZED SERVICE CENTERS

Service under this warranty is available from Hitachi Koki U.S.A., Ltd. at:

IN THE U.S.A.

3950 Steve Reynolds Blvd. Norcross, GA 30093 9409 Owensmouth Ave. Chatsworth, CA 91311

OR CALL: (800) 546-1666 for a service center nearest you.

IN CANADA

6395 Kestrel Road Mississauga, ON L5T 1Z5

OR CALL: (800) 970-2299 for a service center nearest you.

Français TABLE DES	S MA	TIERES	
SECTION		SECTION	PAGE
Spécifications produit		Connaître votre scie sur table	32
Consignes de sécurité relatives aux outile électriques	27	Glossaire des termes	33
Consignes de sécurité relatives à la scie sur table	28	Montage et réglages	34
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Accessoires	30	Entretien	46
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CENTRES TECHNIQUES HITACHI AGREES

La réparation est réalisée dans le cadre de cette garantie par Hitachi Koki U.S.A., Ltd. :

AUX ETATS-UNIS

3950 Steve Reynolds Blvd. Norcross, GA 30093 9409 Owensmouth Ave. Chatsworth, CA 91311

OU APPELEZ LE: (800) 546-1666 pour connaître le center technique le plus proche de chez vous.

AU CANADA

6395 Kestrel Road Mississauga, ON L5T 1Z5

OU APPELEZ LE: (800) 970-2299 pour connaître le center technique le plus proche de chez vous.

Español	— INI	DICE ———	
SECCIÓN	PÁGINA	SECCIÓN	PÁGINA
Especificaciones del producto	49	Conozca su sierra de mesa	55
Seguridad de la herramienta eléctrica	50	Glosario de Términos	56
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CENTROS DE SERVICIO AUTORIZADOS DE HITACHI

Hitachi Koki U.S.A. Ltd. proporciona un servicio de reparaciones bajo esta garantía en:

EN EE. UU.

3950 Steve Reynolds Blvd. Norcross, GA 30093 9409 Owensmouth Ave. Chatsworth, CA 91311

O LLAME AL: (800) 546-1666 para informarse del centro de reparaciones más cercano.

EN CANADA

6395 Kestrel Road Mississauga, ON L5T 1Z5

O LLAME AL: (800) 970-2299 para informarse del centro de reparaciones más cercano.

⚠ WARNING

Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

PRODUCT SPECIFICATIONS

MOTOR		SAW	
HP (Maximum developed)	3.5	Table Size with Extension	27-1/8" x 40-1/8"
Type	Induction	Table Extension	Right & Left
Amps	15/7.5	Extension Fence Capacity (Maximum)	Right 30", Left 18"
Voltage	120/240	Blade Size	10"
Hz	60	Rip Scale	YES
RPM (no load)	3450	Rip Fence	YES
Overload Protection	YES	Miter Gauge	YES
		Maximum Cut Depth @ 90°	3-3/8"
		Maximum Cut Depth @ 45°	2-1/4"
		Maximum Dado Cut Width	13/16"

⚠ WARNING

Net Weight 299.8 LBS

To avoid electrical hazards, fire hazards or damage to the table saw, use proper circuit protection. This table saw is wired at the factory for 110-120/220-240 Volt operation. It must be connected to a 110-120 Volt / 15 Ampere or 220-240 Volt / 7.5 Ampere time delay fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.

Before using your table saw, it is critical that you read and understand these safety rules. Failure to follow these rules could result in serious injury to you or damage to the table saw.

POWER TOOL SAFETY

⚠ WARNING

Before using your table saw, it is critical that you read and understand these safety rules. Failure to follow these rules could result in serious injury or damage to the table saw.

Good safety practices are a combination of common sense, staying alert and understanding how to use your power tool. To avoid mistakes that could cause serious injury, do not plug in your power tool until you have read and understood the following safety rules:

 READ and become familiar with this entire Operator's Manual. LEARN the tool's applications, limitations and possible hazards.

2. MWARNING

Look for this symbol that identifies important safety precautions. It means BE ALERT! YOUR SAFETY IS INVOLVED!

- NEVER OPERATE THIS MACHINE WITHOUT THE SAFETY GUARD IN PLACE FOR ALL THROUGH-SAWING OPERATIONS.
- DO NOT USE IN A DANGEROUS ENVIRONMENT such as damp or wet locations or in the rain. Keep work area well lighted.
- DO NOT use power tools in the presence of flammable liquids or gases.
- KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
- 7. KEEP CHILDREN AWAY. All visitors should be kept at a safe distance from the work area.
- DO NOT FORCE THE TOOL. It will do the job better and safer if used at the rate for which it was designed.
- 9. USE THE RIGHT TOOL. Don't force the tool or attachment to do a job for which it is not designed.
- WEAR PROPER APPAREL. DO NOT wear loose clothing, gloves, neckties, rings, bracelets or other jewelry that may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
- 11. WEAR A FACE MASK OR DUST MASK. Sawing, cutting and sanding operations produce dust.
- 12. DISCONNECT TOOLS before servicing and when changing accessories, such as blades, cutters, etc.
- 13. REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure the switch is in the OFF position before plugging tool into the power supply.
- 14. USE ONLY RECOMMENDED ACCESSORIES.
 Consult the Operator's Manual for recommended

- accessories. The use of improper accessories may cause injury to you or damage to the tool.
- 15. REMOVE ADJUSTING KEYS AND WRENCHES. Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning ON.
- 16. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN THE POWER OFF. Do not leave the tool before the blade comes to a complete stop.
- 17. NEVER STAND ON TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
- 18. DO NOT OVERREACH. Keep proper footing and balance at all times.
- MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for most efficient and safest performance. Follow instructions for lubricating and changing accessories.
- 20. CHECK FOR DAMAGED OR LOOSE PARTS. Check for alignment of moving parts, binding of moving parts, loose mounting and any other conditions that may affect its safe operation. A guard or other part that is loose or damaged should be properly adjusted, repaired or replaced.
- 21. MAKE WORKSHOP CHILDPROOF with padlocks, master switches or by removing starter keys.
- 22. DO NOT operate the tool if you are under the influence of any drugs, alcohol or medication that could impair your ability to use the tool safely.
- 23. USE A DUST COLLECTION SYSTEM whenever possible. Dust generated from certain materials can be hazardous to your health and, in some cases, a fire hazard. Always operate the power tool in a well-ventilated area with adequate dust removal.
- 24. ALWAYS WEAR EYE PROTECTION. Any power tool can throw debris into your eyes that could cause permanent eye damage. ALWAYS wear safety goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday glasses have only impact resistant lenses. They ARE NOT safety glasses.

NOTE: Glasses or goggles not in compliance with ANSI Z87.1 could cause serious injury when they break.

 DIRECTION OF FEED. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

TABLE SAW SAFETY

- ALWAYS USE SAW BLADE GUARD, splitter and antikickback pawls for every operation for which they can be used, including through sawing. Through sawing operations are those in which the blade cuts completely through the workpiece when ripping or crosscutting.
- 2. ALWAYS HOLD WORK FIRMLY against the miter gauge or rip fence.
- ALWAYS USE a push stick, especially when ripping narrow stock. Refer to ripping instructions in this Operator's Manual where the push stick is covered in detail. A pattern for making your own push stick is included on page 25.
- 4. NEVER PERFORM ANY OPERATION FREEHAND, which means using only your hands to support or guide the workpiece. Always use either the fence or the miter gauge to position and guide the work. WARNING: FREEHAND CUTTING IS THE MAJOR CAUSE OF KICKBACK AND FINGER/
- 5. NEVER STAND or have any part of your body in line with the path of the saw blade. Keep your hands out of the saw blade path.
- 6. NEVER REACH behind or over the cutting tool for any reason.
- 7. REMOVE the rip fence when crosscutting.

HAND AMPUTATIONS.

- 8. DO NOT USE a molding head with this saw.
- 9. FEED WORK INTO THE BLADE against the direction of rotation only.
- NEVER use the rip fence as a cut-off gauge when crosscutting.
- 11. NEVER ATTEMPT TO FREE A STALLED SAW BLADE without first turning the saw OFF. Turn power switch OFF immediately to prevent motor damage.

- PROVIDE ADEQUATE SUPPORT to the rear and the sides of the saw table for long or wide workpieces.
- 13. AVOID KICKBACKS (work thrown back towards you) by keeping the blade sharp, the rip fence parallel to the saw blade and by keeping the splitter, anti-kickback pawls and guards in place, aligned and functioning. Do not release work before passing it completely beyond the saw blade. Do not rip work that is twisted, warped or does not have a straight edge to guide it along the fence.
- 14. AVOID AWKWARD OPERATIONS and hand positions where a sudden slip could cause your hand to move into the saw blade.
- 15. NEVER USE SOLVENTS to clean plastic parts. Solvents could possibly dissolve or otherwise damage the material. Only a soft damp cloth should be used to clean plastic parts.
- 16. MOUNT your table saw on a bench or stand before performing any cutting operations. Refer to ASSEMBLY AND ADJUSTMENTS on page 11.
- 17. NEVER CUT METALS or materials that may make hazardous dust.
- 18. ALWAYS USE IN A WELL-VENTILATED AREA. Remove sawdust frequently. Clean out sawdust from the interior of the saw to prevent a potential fire hazard. Attach a vacuum to the dust port for additional sawdust removal.
- NEVER LEAVE THE SAW RUNNING UNATTENDED. Do not leave the saw until the blade comes to a complete stop.
- 20. For proper operation follow the instructions in this Operator's Manual entitled ASSEMBLY AND ADJUSTMENTS (Page 11). Failure to provide sawdust fall-through and removal hole will allow sawdust to build up in the motor area resulting in a fire hazard and potential motor damage.

ELECTRICAL REQUIREMENTS AND SAFETY

POWER SUPPLY REQUIREMENTS

To avoid electrical hazards, fire hazards or damage to the table saw, use proper circuit protection. Always use a separate electrical circuit for your tools. This power tool is wired at the factory for 120V operation. Connect it to a 120V, 15 Amp circuit and use a 15 Amp time delay fuse or circuit breaker. To avoid shock or fire, replace the cord immediately if it is worn, cut or damaged in any way.

EXTENSION CORD REQUIREMENTS

⚠ WARNING

Any extension cord must be GROUNDED for safe operation.

MINIMUM GAUGE FOR EXTENSION CORDS (AWG)							
Ampere Rating Volts			Total length of Cord				
More Than	Not More Than	120V	25ft.	50ft.	100ft.	150ft.	
		240V	50ft.	100ft.	200ft.	300ft.	
0	6		18	16	16	14	
6	10		18	16	14	12	
10	12		16	16	14	12	
12	16		14 12 Not Recommende		ommended		

GUIDELINES FOR EXTENSION CORDS

Any extension cord used for power tools MUST be grounded (3-wire with two flat prongs and one round ground prong).

Make sure the extension cord is in good condition. When using an extension cord, make sure you use one heavy enough to carry the current the tool will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table above shows the correct size to use according to extension cord length and nameplate ampere rating. If in doubt, use the next heavier gauge cord. The smaller the gauge number the heavier the cord.

NOTE: The 12 to 16 amp rating is correct for this tool. It is highlighted in the table above.

Be sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it. Protect your extension cords from sharp objects, excessive heat and damp or wet areas. Before connecting the saw to the extension cord, make sure the saw switch is turned OFF.

GROUNDING INSTRUCTIONSIN THE EVENT OF A MALFUNCTION OR

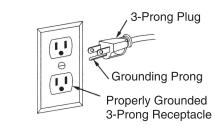
BREAKDOWN, grounding provides a path of least resistance for electric current and reduces the risk of electric shock. This saw is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug MUST be plugged into a matching receptacle that is properly installed and grounded in accordance with ALL local codes and ordinances.

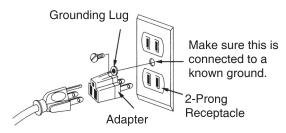
DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the receptacle, have the proper receptacle installed by a qualified electrician.

IMPROPER CONNECTION of the equipment grounding conductor can result in risk of electric shock. The conductor (wire) with the green insulation (with or without yellow stripes) is the equipment grounding conductor. If repair or replacement of the electric cord or plug is necessary, DO NOT connect the equipment grounding conductor to a live terminal.

CHECK with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure the saw is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole grounding receptacles that accept the saw's plug. Repair or replace damaged or worn cords immediately.





240V OPERATIONThe table saw provided a dual voltage, 120V and 240V, motor. To operate the table saw at 240V, single phase, reconnect the motor wire as the wire wirding on page 74.

To avoid injury, disconnect the motor from power source outlet before reconnecting the wire.

To operate the table saw at 240V, replace the 120V plug with a UL/CSA listed plug suitable for 240V (not included) and the rated current of the saw as shown. Contact your local Hitachi Authorized Service Center or qualified electrician for proper procedures to install the plug. The saw must comply with all local and national electrical codes after the 240V plug is installed. Connect the table saw with 240V plug to a power source outlet

ACCESSORIES AND ATTACHMENTS

RECOMMENDED ACCESSORIES

△ WARNING

Visit your Hardware Department or see the Power and Hand Tools Catalog to purchase recommended accessories for this power tool.

⚠ WARNING

To avoid the risk of personal injury:

- Do not use a dado with a diameter larger than 8".
- Maximum dado width is 13/16". DO NOT USE WIDER COMBINATIONS.
- · Do not use molding head set with this saw.
- Do not modify this power tool or use accessories not recommended by Store.

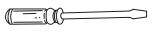
TOOLS NEEDED FOR ASSEMBLY

Supplied

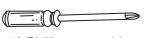


Hex Wrench

Not Supplied



Medium Screwdriver



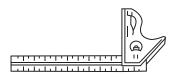
#2 Phillips screwdriver



Straight Edge



Adjustable Wrench



Combination Square

CARTON CONTENTS

UNPACKING AND CHECKING CONTENTS

Separate all parts from packing materials. Check each part with the illustration on the next page and the "Table of Loose Parts" to make certain all items are accounted for, before discarding any packing material.

TABLE OF LOOSE PARTS

ITEM	<u>DESCRIPTION</u>	QUANTITY
Α	Table saw assembly	1
В	Rail cover	6
С	Rip fence	1
D	Table extension wing	2
Е	Front table extension rail	2
F	Rear table extension rail	2
G	Blade	1
Н	Blade wrench	1
1	Handwheel and handle	1
J	Adhesive washer	5
K	Miter gauge	1
L	Storage bracket & foot hardware	1 set
M	Handwheel handle & nuts	1 each

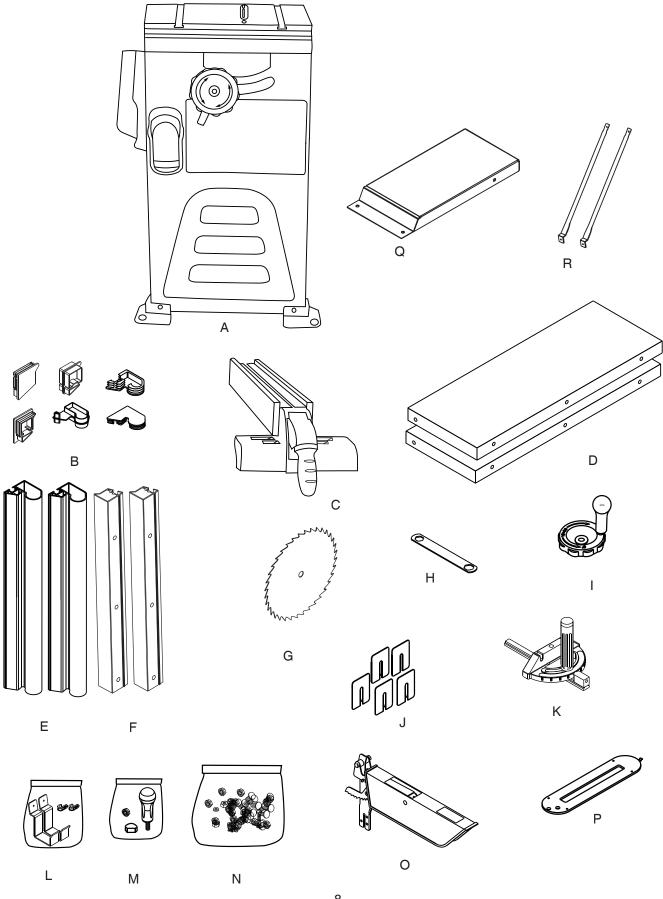
Ν	Table extension hardware	1 set
0	Blade guard and splitter	1 each
Р	Dado table insert	1
Q	Rear table extension	1
R	Support rod	2

⚠ WARNING

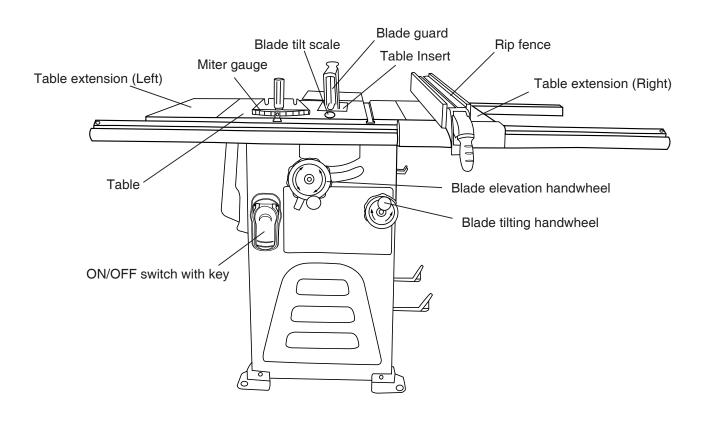
If any part is missing or damaged, do not attempt to assemble the table saw, plug in the power cord, or turn the switch ON until the missing or damaged part is obtained and is installed correctly.

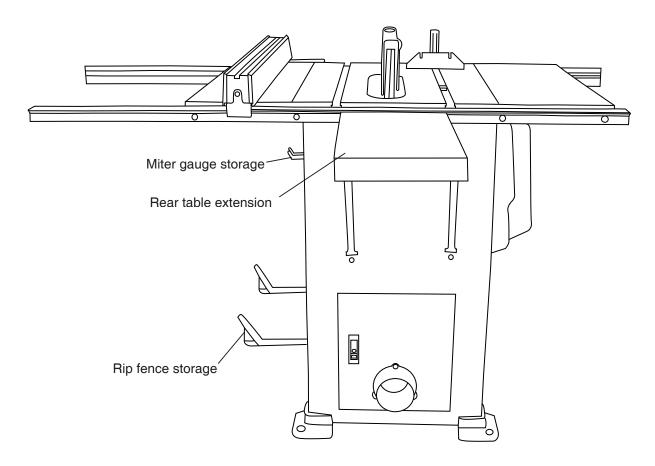
NOTE: To make assembly easier, keep contents of box together. Apply a coat of automobile wax to the table. Wipe all parts thoroughly with a clean dry cloth. This will reduce friction when pushing the workpiece.

UNPACKING YOUR STATIONARY TABLE SAW



KNOW YOUR STATIONARY TABLE SAW





GLOSSARY OF TERMS

HITACHI PROFESSIONAL TABLE SAW TERMS

MITER GAUGE – A guide used for crosscutting operations that slides in the tabletop channels located on either side of the blade. It helps make accurate straight or angle cuts.

RIP FENCE – A guide used for rip cutting that clamps to the tabletop. It allows the workpiece to be straight.

TABLE INSERT – Provides access to the blade arbor for changing blades.

OVERLOAD RESET SWITCH – Resets the thermocouple and provides a way to restart the saw motor if it overheats or overloads.

BLADE BEVEL SCALE – Measures the angle the blade is tilted when set for a bevel cut.

TABLE SCALE – Measures the distance the rip fence is set from the blade, allowing quick setups.

ANTI-KICKBACK PAWLS – Prevents the workpiece from being kicked upward or back toward the front of the table saw by the spinning blade.

SPLITTER – Keeps the workpiece spread apart after being cut, to prevent binding on the blade and workpiece.

BLADE ELEVATION HANDWHEEL – Raises and lowers the blade.

BLADE TILTING HANDWHEEL – Tilts the blade to any angle between 0° to 45° for bevel cuts.

WOODWORKING TERMS

ARBOR - The shaft on which a blade is mounted.

BEVEL CUT – An angle cut made through the face of the workpiece.

COMPOUND CUT – A simultaneous bevel and miter cut.

CROSSCUT – A cut made across the width of the workpiece.

FREEHAND – Performing a cut without using a fence (guide), hold down or other proper device to prevent the workpiece from twisting during the cutting operation.

GUM – A sticky sap from wood products.

HEEL – Misalignment of the blade.

KERF – The amount of material removed by a blade cut.

MITER CUT – An angle cut made across the width of the workpiece.

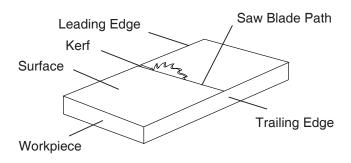
RESIN – A sticky sap that has hardened.

REVOLUTIONS PER MINUTE (RPM) – The number of turns completed by a spinning object in one minute.

SAW BLADE PATH – The area of the workpiece or table top directly in line with the travel of the blade or the part of the workpiece that will be cut.

SET – The distance between two saw blade tips, bent outward in opposite directions to each other. The further apart the tips are, the greater the set.

WORKPIECE – The item being cut. The surfaces of a workpiece are commonly referred to as faces, ends and edges.



ASSEMBLY AND ADJUSTMENTS

REMOVE THE STYROFOAM FROM THE CABINET-STAND (FIG. A & A-1)

⚠ WARNING

To avoid injury from an accidental start, make sure the STYROFOAM is removed from the cabinet stand.

- 1. Remove the back cover (2) of the base by removing the screws (1), three for each side.
- 2. Turn the blade elevation handwheel in front of the table saw to raise the motor (3).
- 3. Remove the styrofoam (4) under the motor.
- 4. Replace the back cover (2) and then tighten the screws (1), three for each side.

Fig. A

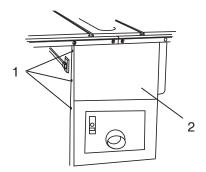
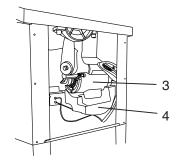


Fig. A-1



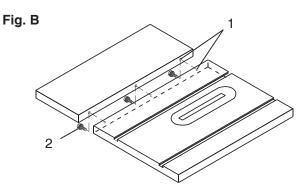
ASSEMBLY THE TABLE EXTENSION (FIG. B)

⚠ WARNING

To avoid injury, beware the weight of the table extension before assembling the table extension.

- 1. Place the left table extension next to the saw table, aligning the mounting holes (1).
- 2. Place bolts (2) and thread in mounting holes.
- 3. Place a straight edge or combination square on the saw table, across the table extension.

- 4. Adjust the mounting bolts (2) until the extension is flush with the saw table. Tighten.
- 5. Repeat these procedures for the right extension table.



ASSEMBLY THE FRONT AND REAR TABLE RAIL (FIG. B-1, B-2)

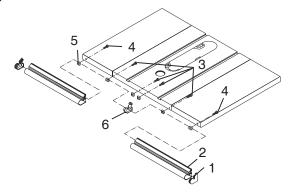
NOTE: Front of table rails assemblies are different. **Assembly the front rail (Fig. B-1)**

- 1. Attach the right front side cover (1) into right front table rail (2). Repeat for the left front rail.
- 2. Place the hex. bolts M8-20 (3), hex bolts M8-16 (4) through the holes at the front table edge. Screw the square nuts (5) onto each bolts.

NOTE: Keep the bolts and square nuts loosened before front rail fixed.

- 3. Attach the right front rail onto proper location by having the square nuts pass through the slot of the front rail. Repeat for the left front rail.
- 4. Attach the middle plug (6) to connect the two half front rail.
- 5. When the blade was installed, use the rip fence and gauge to adjust the front rail to proper location. When the front rail is level with table, then fix the front rail by tightening the six bolts.

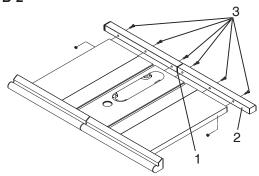
Fig. B-1



Assembly the rear table rail (Fig. B-2)

- 6. Attach the middle plug (1) to the rear table rails (2).
- 7. Place the rear table rails on the saw table, aligning with the holes in each rail.
- 8. Place the bolts (3) and tread in the holes; tighten the bolts and check the alignment again.

Fig. B-2

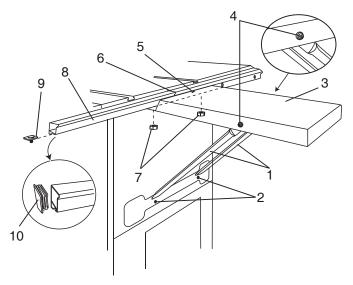


ASSEMBLY THE REAR TABLE EXTENSION (FIG. C)

NOTE: The maximum load for the rear table extension is 30 kg.

- 1. Insert the support rods (1) into the slot on the body shell. Place screws (2) and tighten.
- 2. Attach the rear table extension (3) to the support rods (1). Place screws (4) and tighten.
- 3. Place the screws (9) to the slot of the rear table reails (8).
- 4. Attach the side cover (10) to the rear table reails (8).
- 5. Tighten the nuts (7).
- 6. Align the triangle (5) on the rear table extension and the middle plug (6).
- 7. Loosen the nuts (7) and screws (4) to adjust the rear table extension (3) for alignment.

Fig. C

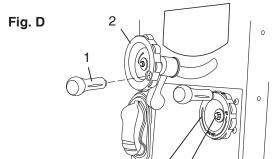


BLADE RAISING HANDWHEEL (FIG. D)

Thread the blade handwheel handle (1) into blade raising handwheel (2) and tighten.

BLADE TILTING HANDWHEEL (FIG. D)

- 1. Attach the blade tilting handwheel (3) to the elevation screw at the front of the saw.
- 2. Attach and tighten the dome nut (4) at the end of the shaft.



BLADE GUARD ASSEMBLY (FIG. E, F)

⚠ WARNING

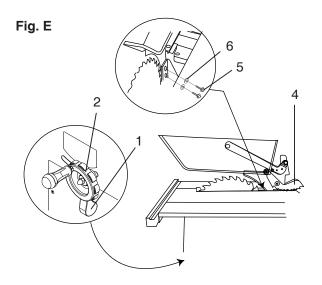
To avoid injury from an accidental start, make sure the switch is in the OFF position and the plug is disconnected from the power source outlet.

- When installing the blade guard, cover the blade teeth with a piece of folded cardboard to protect yourself from possible injury.
- Never operate this machine without the safety guard in place for all through sawing operations.

Installing the blade guard assembly (Fig. E)

- 1. Remove the table insert.
- 2. Unlock the blade bevel lock knob (1).
- 3 With the blade elevation handwheel (2), raise the blade to the maximum height.
- 4. Using the blade tilting handwheel, tilt the blade to 45° on the bevel scale.
- 5. Lock the blade tilt locking knob.
- 6. Locate the splitter assembly mounting bracket in back of the blade.
- 7. Cover the blade teeth with a folded cardboard or position the plastic blade guard over the blade to protect your hands.
- 8. Place the two kickback pawls (4) toward the rear of the table, and align the splitter mounting holes to the holes in the bracket.
- 9. Place the steel flat washers (6) on the two bolts (5) and tread the bolts into the holes.

NOTE: Make sure the "anti-kick back pawls" do not get caught between the insert and the guard, but rest on top of the insert.



Removing the blade guard assembly (Fig. E)

⚠ WARNING

To avoid injury from an accidental start, make sure the switch is in the OFF position and the plug is disconnected from the power source outlet.

- 1. Remove the table insert.
- 2. With the blade elevation handwheel (2), raise the blade to the maximum height.
- 3. Loosen blade lock knob (1) and move the handwheel(2) to 45° on the bevel scale.
- 4. Tighten the bevel lock knob (1).
- Cover the blade teeth with a piece of folded cardboard or position the plastic blade guard over the blade to protect your hands.
- 6. Loosen the bolts (5) and remove the blade guard assembly, then retighten the knob.
- 7. Return the blade to 90° and replace the table insert.

NOTE: Make sure the "anti-kick back pawls" do not get caught between the insert and the guard, but rest on top of the insert.

ALIGNING THE BLADE GUARD SPLITTER (FIG. F)

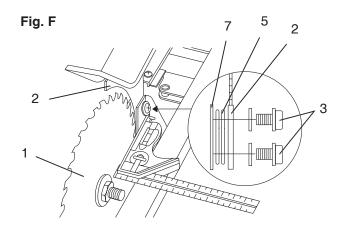
⚠ WARNING

To avoid injury from an accidental start, make sure the switch is in the OFF position and the plug is disconnected from the power source outlet.

- When installing the blade guard, cover the blade teeth with a piece of folded cardboard to protect yourself from possible injury.
- Never operate this machine without the safety guard in place for all through sawing operations.

IMPORTANT: The splitter must always be correctly aligned with the blade so the cut workpiece will pass on either side without binding or twisting.

- Remove the table insert and raise the blade to the maximum height by turning the blade elevation handwheel clockwise.
- 2. Lift the blade guard and position it toward the rear of the table.
- Adjust the blade to the 90° vertical position by unlocking the blade tilting lock knob and turning the bevel tilting handwheel counterclockwise, and then lock into position.
- 4. To see if the blade (1) and splitter (2) are correctly aligned, lay a combination square along the side of the blade and against the splitter (making sure the square is between the teeth of the blade).
- 5. Tilt the blade to the 45° position and check the alignment again.
- 6 If the blade and splitter are not correctly aligned:
 - a. Remove the blade guard by removing the wing bolt that locks the guard in place.
 - b. Loosen and remove the two bolts (3) from the mounting bracket (7).
- 7. Place two adhesive washers (5) on the guard mounting bracket (attached to the saw). Position them over the corresponding mounting bolt holes (refer to step 6-b) after removing the adhesive backing affixed to the washers.
- 8. Replace the two guard mounting bolts (3) and tighten securely. Also reattach the blade guard assembly, affixing it to the machine by its corresponding wing bolt
- 9. Check the splitter and blade alignment again at both 90° and 45° .
- 10.Add or remove the adhesive washers until the alignment is correct.
- 11.Replace the table insert.



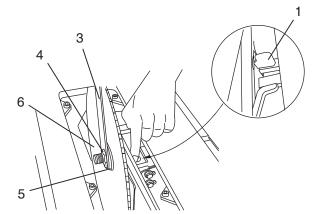
REMOVING THE BLADE (FIG. G)

↑ WARNING

To avoid injury from an accidental start, make sure the switch is in the OFF position and the plug is disconnected from the power source outlet.

- Remove the table insert and raise the blade to the maximum height by turning the blade elevation handwheel clockwise.
- 2. Lift the blade guard and position it toward the rear of the table.
- Adjust the blade to the 90° vertical position by unlocking the blade tilting lock knob and turning the bevel tilting handwheel counterclockwise, and then lock into position.
- 4. Pull the motor locking lever (1) toward the front of the machine while spinning the blade until the latch locks into place and the blade will no longer turn.
- 5. Place the blade wrench (3) on the arbor nut (4).
- 6. Loosen and remove the arbor nut and the flange by pulling the wrench toward the front of the machine.
- 7. Then remove the blade (6). Clean but do not remove the inner blade flange (5) before reassembling the blade.

Fig. G



INSTALLING A BLADE (FIG. G)

⚠ WARNING

To avoid injury from an accidental start, make sure the switch is in the OFF position and the plug is disconnected from the power source outlet.

- 1. Place the blade onto the arbor with the blade teeth pointing forward to the front of the saw.
- Make sure the blade fits flush against the inner flange.
- 3. Clean the outer blade flange and install it onto the arbor and against the blade.
- 4. Thread the arbor nut onto the arbor, making sure the flat side of the nut is against the blade, then handtighten.
- 5. Pull the motor locking lever (1) toward the front of the machine while spinning the blade until the latch locks into place and the blade will no longer turn.
- 6. Place the wrench on the arbor nut and turn clockwise (toward the rear of the saw table).
- Replace the table insert and blade guard assembly. Verify that the blade and blade guard splitter are aligned. If they are not, refer to page 12, Aligning The Blade Guard Splitter.

IMPORTANT: Do not operate this saw until the blade and blade guard splitter are aligned and in working order.

ADJUSTING THE 90° AND 45° POSITIVE STOPS (FIG. H, H-1, I)

Your saw has positive stops that will quickly position the saw blade at 90° and 45° to the table. Make adjustments only if necessary.

90° Stop (Fig. H, H-1)

- 1. Disconnect the saw from the power source.
- 2. Turn the blade tilting handwheel until the blade tilting scale is at 90°.
- 3. Turn the blade elevation handwheel and raise the blade to the maximum elevation.
- 4. Place a combination square on the table and against the blade to check if the blade is 90° to the table.
- 5. If the blade is not 90° to the table. Remove the back cover (2) of the base by removing the screws (1), three for each side.
- 6. Adjust the bevel tilting handwheel to make an adequate distance between the anchor block (3) and bevel gear (4).
- 7. Loosen the two set screws (5) of the anchor block (3) with 3mm allen key.
- 8. Separate the anchor block (3) from the worm (6).
 - When the bevel angle is more than 90°, turn the anchor block (3) to A direction in adequate degree until the bevel angle and bevel scale is the same.
 - When the bevel angle is less than 90°, turn the anchor block to B direction in adequate degree until the bevel angle and bevel scale is the same.
- 9. When completing the above adjustment, replace the set screws (5) and tighten them.
- 10. Replace the back cover (2) and then tighten the screws (1), three for each side. (Fig. H)

Fig. H

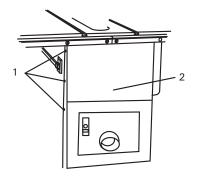
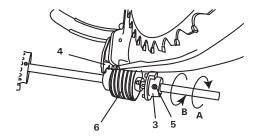


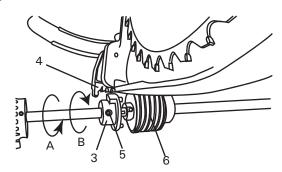
Fig. H-1



45° Stop (Fig. I)

- Turn the blade tilting handwheel until the blade tilting scale is 45°.
- 2. Turn the blade elevation handwheel and raise the blade to the maximum elevation.
- 3. Place a combination square on the table and against the blade to check if the blade is 45° to the table.
- 4. If the blade is not 45° to the table. Remove the back cover (2) of the base by removing the screws (1), three for each side. (Fig. H)
- 5. Adjust the bevel tilting handwheel to make an adequate distance between the anchor block (3) and bevel gear (4).
- 6. Loosen the two set screws (5) of the anchor block (3) with 3 mm allen key.
- 7. Separate the anchor block (3) from the worm (6).
 - When the bevel angle is more than 45°, turn the anchor block (3) to A direction in adequate degree until the bevel angle and bevel scale is the same.
 - When the bevel angle is less than 45°, turn the anchor block to B direction in adequate degree until the bevel angle and bevel scale is the same.
- 8. When completing the above adjustment, replace the set screws (5) and tighten them.
- 9. Replace the back cover (2) and then tighten the screws (1), three for each side. (Fig. H)

Fig. I

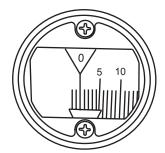


BLADE TILTING INDICATOR (FIG. J)

- 1. When the blade is positioned at 90°, adjust the blade tilt pointer to read 0° on the scale.
- 2. Remove the magnifier, position the pointer over 0° and replace the magnifier.

NOTE: Make a trial cut on scrap wood before making critical cuts. Measure for accuracy.

Fig. J

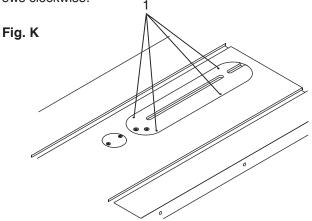


INSTALLING THE TABLE INSERT (FIG. K)

The table insert has been previously installed on your unit. However, you must verify that the table insert is flush with the table top surface on all four corners of the insert.

To avoid serious injury, the table insert must be level with the table. If the table insert is not flush with the table, adjust the four bolts (1) with a 4 mm hex. wrench until it is parallel with the table.

NOTE: To raise the insert, turn the hex screws counterclockwise, to lower the insert, turn the hex screws clockwise.

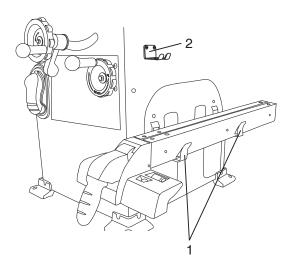


STORAGE (FIG. L, M)

Rip fence and miter gauge (Fig. L)

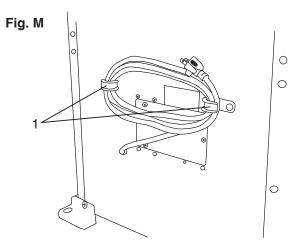
Storage brackets for the rip fence (1) and miter gauge (2) are located on the right side of the saw housing and frame of leg.

Fig. L



Power Cord (FIG. M)

For convenience and to prevent damage to the power cord when the table saw is not in use or is being transported, the frame of leg has two brackets (1) on the side for cord storage.



MITER GAUGE ADJUSTMENT (FIG. N)

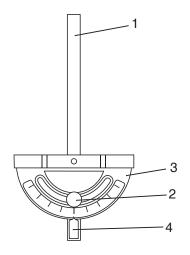
- 1. Make sure that the miter gauge bar (1) will slide freely through the table top grooves.
- 2. Loosen the lock knob handle (2) and turn the gauge body (3) to set the pointer (4) at 0° on the scale.
- 3. Make a 90° cut in a scrap piece of wood. Check the cut to see if it is 90°. If not, loosen the lock knob handle (2) and move the miter gauge body until it is square to the miter gauge bar by using a combination square.

MITER GAUGE OPERATION (FIG. N)

The miter gage is accurately constructed with index stops at 0° , 15° , 30° , 45° , 60° both right and left side.

The operate the miter gage, simply loosen the lock handle (2) and move the body of the miter gauge to the desired angle. The miter gauge body will stop at 0° , 15° , 30° , 45° , 60° both right and left side.

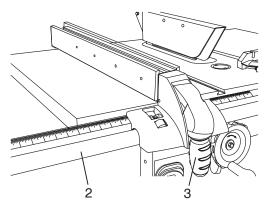
Fig. N



RIP FENCE ADJUSTMENT (FIG. 0)

- 1. For adjustments, position the fence to the right of the blade, parallel with the miter gauge groove.
- 2. Place the rear clamp (1) (Fig. P) of the fence on the back rail of the table, and lower the front end over the front rail (2). Push the handle (3) down to lock.
- 3. To change the position of the fence, lift up on the handle to unlock, and slide the fence to the desired position, then push the handle down to lock.

Fig. O



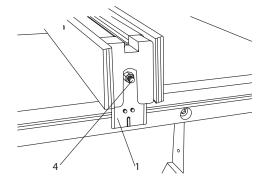
If the fence is loose when the handle is in the locked position: (Fig. P)

- Move the handle upward to the unlocked position.
 Turn the adjusting screw (4) clockwise until the rear
 clamp is snug.
- 2. DO NOT turn the adjusting screw more than 1/4 turn at a time.
- 3. Over-tightening the screw will cause the rip fence to come out of alignment.

⚠ WARNING

Failure to properly align the fence can cause "kickback" and serious injury could occur.

Fig. P

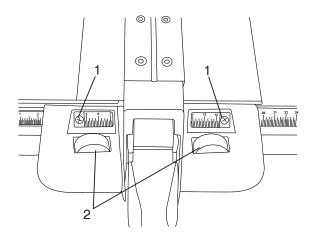


RIP FENCE INDICATOR (FIG. Q)

NOTE: The rip fence indicator points to the scale on the front of the table saw. Measurement shown by the indicator will provide the user with accuracy up to 1/16 of an inch. Measurement shown is the distance from the blade to the side of the fence closest to the blade.

- To check the accuracy, measure the actual distance to the side of the rip fence. If there is a difference between the measurement and the indicator, adjust the indicator as shown next.
- 2. Loosen the indicator screws (1). Slide the indicator to the correct measurement position on the scale, then retighten the indicator screws (1).

Fig. Q



RIP FENCE OPERATION

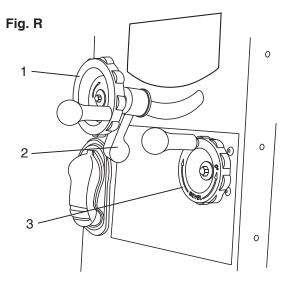
The rip fence moves to either side of saw blade. The right side is the most common position. Front and rear guide the fence. Calibrations on the front guide rail show distance between fence and saw blade. To adjust rip fence, raise clamp lever to maximun height, push fence desired distance from saw blade, and turning micro-set knob (2) left or right.

OPERATION

BASIC SAW OPERATIONS

RAISE THE BLADE (FIG. R)

To raise or lower the blade, turn the blade elevation handwheel (1) to the desired blade height, and then tighten the bevel lock knob (2) to maintain the desired blade angle.



TILTING THE BLADE

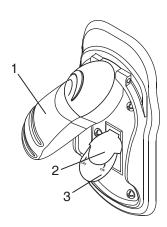
- To tilt the saw blade for bevel cutting, loosen the lock knob (2) and turn the tilting handwheel (3).
- 2. Tighten the lock knob (2) to secure.

ON/OFF SWITCH (FIG. R-1)

The ON / OFF switch has a removal key. With the key removed from the switch, unauthorized and hazardous use by children and others is minimized.

- To turn the saw ON, lift switch cover (1) and insert the safety switch key (2) into the slot in the switch. Move the switch (3) upward to the ON position.
- 2. To turn the saw OFF, move the switch downward.
- To lock the switch in the OFF position, grasp the end (or yellow part) of the safety switch key, and pull it out.
- 4. With the safety switch key removed, the switch will not operate.
- 5. If the safety switch key is removed while the saw is running, it can be turned OFF but cannot be restarted without inserting the safety switch key.

Fig. R-1



OVERLOAD PROTECTION

This saw has an overload relay button that resets the motor after it shuts off due to overloading or low voltage. If the motor stops during operation, turn the ON / OFF switch to the OFF position. Wait about five minutes for the motor to cool, push in on the reset button and turn the switch to the ON position.

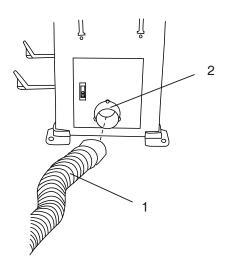
USING THE DUST CHUTE (FIG. S)

∧ **WARNING**

To prevent fire hazard, clean and remove sawdust from under the saw frequently.

To prevent sawdust buildup inside the saw housing, attach a vacuum hose (1) to the dust chute (2) at the rear of the table saw. DO NOT operate the saw with the hose in place unless the vacuum is turned on.

Fig. S



CUTTING OPERATIONS

There are two basic types of cuts: ripping and crosscutting. Ripping is cutting along the length and the grain of the workpiece. Crosscutting is cutting either across the width or across the grain of the workpiece. Neither ripping nor crosscutting may be done safely freehand. Ripping requires the use of the rip fence, and crosscutting requires the miter gauge.

∧ WARNING

Before using the saw each and every time, check the following:

- 1. The blade is tightened to the arbor.
- 2. The bevel angle lock knob is tight.
- 3. If ripping, the fence is locked into position & is parallel to the miter gauge groove.
- 4. The blade guard is in place and working properly.
- 5. Safety glasses are being worn.

The failure to adhere to these common safety rules, and those printed in the front of this manual, can greatly increase the likelihood of injury.

RIPPING (FIG. T, U)

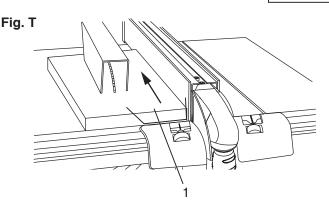
⚠ WARNING

To prevent serious injury:

- Never use a miter gauge when ripping.
- Never use more than one rip fence during a single cut.
- Do not allow familiarity or frequent use of your table saw to cause careless mistakes. Remember that even a careless fraction of a second is enough to cause a severe injury.
- Keep both hands away from the blade and clear from the path of the blade.
- The workpiece must have a straight edge against the fence and must not be warped, twisted, or bowed when ripping.
- Remove the miter gauge and store it in the "storage" compartment in the base of the saw.
- 2. Secure the rip fence to the table.
- 3. Raise the blade so it is about 1/8" higher than the top of the workpiece.
- 4. Place the workpiece flat on the table and against the fence. Keep the workpiece away from the blade.
- 5. Turn the saw ON and wait for the blade to come to full speed.
- 6. Slowly feed the workpiece into the blade by pushing forward only on the workpiece section (1) that will pass between the blade and the fence. (Fig. T)

⚠ WARNING

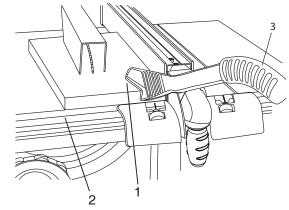
AVOID KICKBACK by pushing forward on the section of the workpiece that passes between the blade and the fence. Never perform any freehand operations.



NOTE: Always use a push stick. When width of the rip is narrower than 2" the push stick cannot be used because the guard will interfere...therefore, use the auxiliary fence so the push stick can be used as shown on page 25.

- 7. Keep your thumbs off the table top. When both of your thumbs touch the front edge of the table (2), finish the cut with a push stick. To make an additional push stick, use the pattern on page 25.
- 8. The push stick (3) should always be used. (Fig. U)
- 9. Continue pushing the workpiece with the push stick (3) until it passes through the blade guard and clears the rear of the table.
- 10. Never pull the piece back when the blade is turning. Turn the switch OFF. When the blade completely stops, you can then remove the workpiece.





BEVEL RIPPING

This cut is the same as ripping except the blade bevel angle is set to an angle other than "0°".

RIPPING SMALL PIECES

To avoid injury from the blade contact, never make cuts narrower than 1/2" wide.

- 1. It is unsafe to rip small pieces. Instead, rip a larger piece to obtain the size of the desired piece.
- When a small width is to be ripped and your hand cannot be safely press between the blade and the rip fence, use one or more push sticks to move the workpiece. Always use a push stick during ripping operations.

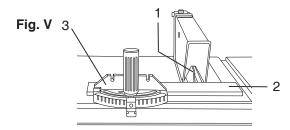
CROSSCUTTING (FIG. V)

To prevent serious injury:

- Do not allow familiarity or frequent use of your table saw to cause careless mistakes. Remember that even a careless fraction of a second is enough to cause a severe injury.
- Keep both hands away from the blade and the path of the blade.
- Never attempt to pull the workpiece backwards during a cutting operation. This will cause kickback and serious injury to the user can occur.
- 1. Remove the rip fence and place the miter gauge in a miter gauge groove on the table.
- 2. Adjust the blade height so it is 1/8 in. higher than the top of the workpiece.
- Hold the workpiece firmly against the miter gauge with the blade path in line with the desired cut location. Move the workpiece to 1in. distance from the blade.
- 4. Start the saw and wait for the blade (1) to come up to full speed. Never stand directly inline of the saw blade path, always stand to the side of the blade that you are cutting on.
- 5. Keep the workpiece (2) against the face of the miter gauge (3) and flat against the table. Then slowly push the workpiece through the blade.
- Do not try to pull the workpiece back with the blade turning. Turn the switch OFF, and carefully slide the workpiece out when the blade is completely stopped.

⚠ WARNING

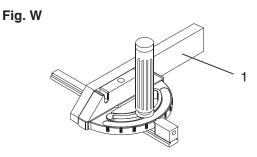
Always position the larger surface of the workpiece on the table when crosscutting and/or bevel crosscutting to avoid instability.



USING WOOD FACING ON THE MITER GAUGE (FIG. W)

Slots are provided in the miter gauge for attaching an auxiliary facing (1) to make it easier to cut very long or short pieces. Select a suitable piece of smooth wood, drill two holes through it and attach it to the miter gauge

with screws. Make sure the facing does not interfere with the proper operation of the sawblade guard. When cutting long workpieces, you can make a simple outfeed support by clamping a piece of plywood to a sawhorse.



BEVEL CROSSCUTTING (FIG. X)

This cutting operation is the same as crosscutting except the blade is at bevel angle other than 0°.

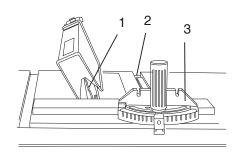
⚠ WARNING

Always work to the right side of the blade during this type of cut. The miter gauge (3) must be in the right side groove (2) because the bevel angle may cause the blade guard to interfere with the cut if used on the left side groove.

- 1. Adjust the blade (1) to the desired angle, and tighten the blade bevel lock knob.
- 2. Tighten miter lock handle at 90°.
- 3. Hold workpiece firmly against the face of the miter gauge (3) throughout the cutting operation.

NOTE: When tilting the blade to 45°, the miter gauge handle will hit the blade guard.

Fig. X



COMPOUND MITER CROSSCUTTING (FIG. Y)

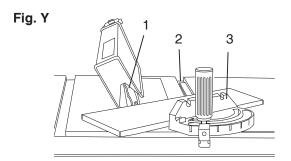
This sawing operation is combining a miter angle with a bevel angle.

⚠ WARNING

Always work to the right side of the blade during this type of cut. The miter gauge (3) must be in the right side groove because the bevel angle may cause the blade guard to interfere with the cut if used on the left side groove.

When tilting the workpiece to 45° and push it toward the blade, the blade guard may hit the blade. To avoid injury, stop the work at that time.

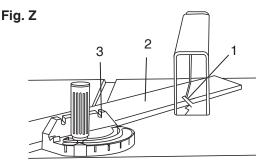
- 1. Set the miter gauge (3) to the desired angle.
- 2. Place the miter gauge (3) in the right side groove (2) of the table.
- 3. Set the blade (1) bevel to the desired bevel angle and tighten the blade bevel lock knob.
- 4. Hold workpiece firmly against the face of the miter gauge (3) throughout the cutting operation.



MITER CUT (FIG. Z)

This sawing operation is the same as crosscutting except the miter gauge is locked at an angle other than 90°.

- 1. Set the blade (1) to 0° bevel angle and tighten the blade bevel lock knob.
- 2. Set the miter gauge (3) at the desired miter angle and lock in position by tightening the miter gauge locking handle.
- 3. Hold the workpiece (2) firmly against the face of the miter gauge throughout the cutting operation.

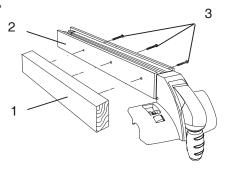


USING WOOD FACING ON THE RIP FENCE (FIG. AA)

When performing some special cutting operations, add a wood facing (1) to the side of the rip fence (2).

- 1. Use a smooth straight 3/4" thick wood board (1) that is as long as the rip fence.
- Attach the wood facing to the fence with wood screw (3) through the hole in the fence. A wood fence should be used when ripping material such as thin paneling to prevent the material from catching between the bottom of the fence and the table.

Fig. AA



AUXILIARY FENCE (FIG. BB)

Making the base:

- Start with a piece of 3/8" plywood at least 5-1/2" wide or wider and 30" long or longer.
- Cut the piece to shape and size shown:

Making the side:

- Start with a piece of 3/4" plywood at least 2-3/8" wide or wider and 27" long or longer.
- Cut the piece to shape and size shown:

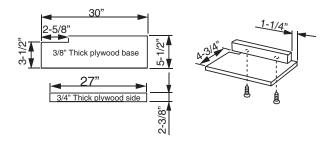
Putting it together:

· Put the pieces together, as shown:

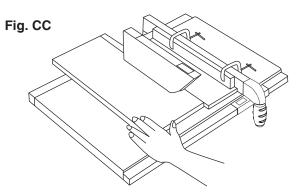
↑ WARNING

Make sure the screw heads do not stick out from the bottom of the base, they must be flush or recessed. The bottom must be flat and smooth enough to rest on the saw table without rocking.

Fig. BB



Attach auxiliary fence to rip fence with two "C" clamps. (Fig. CC)



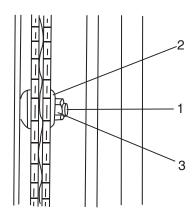
DADO CUTS (FIG. DD)

- The dado blade insert is included with this saw.
 Remove the saw blade, original table insert and blade guard. Install the dado and dado blade insert.
- 2. Instruction for operating the dado is packed with the separately purchased dado set.
- 3. The arbor (1) on this saw restricts the maximum width of the cut to 13/16".
- 4. When making full 13/16" dado cuts, it is not necessary to install the outside flange (2) before screwing on the arbor nut (3). Make sure that the arbor nut (3) is tight, and that at least one thread of the arbor sticks out past the nut.
- 5. Do not exceed 8" diameter dadoes and keep the width 13/16" or less. It will be necessary to remove the blade guard and splitter when using a dado blade. Always use caution when operating a dado blade.
- Use only the correct number of round outside blades and inside chippers as shown in the dado set's instruction manual. Blade or chipper must not exceed 13/16".
- 7. Check saw to ensure that the dado will not strike the housing, insert, or motor when in operation.

∧ WARNING

For your own safety, always replace the blade, blade guard assembly, and blade insert when you are finished with the dado operation.

Fig. DD



MAINTENANCE

MAINTAINING YOUR TABLE SAW

GENERAL MAINTENANCE

∧ WARNING

For your own safety, turn the switch OFF and remove the switch key. Remove the plug from the power source outlet before maintaining or lubricating your saw.

- 1. Clean out all sawdust that has accumulated inside the saw cabinet and the motor.
- 2. Polish the saw table with an automotive wax to keep it clean and to make it easier to slide the workpiece.
- 3. Clean cutting blades with pitch and gum remover.
- 4. A worn, cut, or damaged power cord should be replaced immediately.

MARNING

All electrical or mechanical repairs should be attempted only by a trained repair technician. Contact Hitachi Authorized Service Center for service. Use only identical replacement parts. Any other parts may create a hazard.

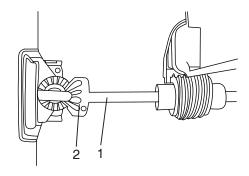
- 5. Use liquid dish washing detergent and water to clean all plastic parts.
 - **NOTE:** Certain cleaning chemicals can damage plastic parts.
- Avoid use of cleaning chemicals or solvents, ammonia and household detergents containing ammonia.

BLADE RAISING AND TILTING MECHANISM (FIG. EE)

After each five hours of operation, the blade raising mechanism and tilting mechanism should be checked for looseness, binding, or other abnormalities.

- 1. With the saw disconnected from the power source, turn the saw upside down and alternately pull upward and downward on the motor unit.
- 2. Observe any movement of the motor mounting mechanism. Looseness or play in the blade raising screw rod (1) should be limited to 1/8" or less.
- If excessive looseness is observed in any other part of the blade raising mechanism or tilting mechanism, contact Hitachi Authorized Service Center immediately.

Fig. EE



Place a small amount of dry lubricant on the bevel gear (2). The screw rod (1) must be kept clean and free of sawdust, gum, pitch, and other contaminants for smooth operations.

If excessive looseness is observed in any parts of the blade raising mechanism or tilting mechanism, contact Hitachi Authorized Service Center immediately.

LUBRICATION

All motor bearings are permanently lubricated at the factory and require no additional lubrication.

On all mechanical parts of your table saw where a pivot or threaded rod are present, lubricate using graphite or silicone. These dry lubricants will not hold sawdust as would oil or grease.

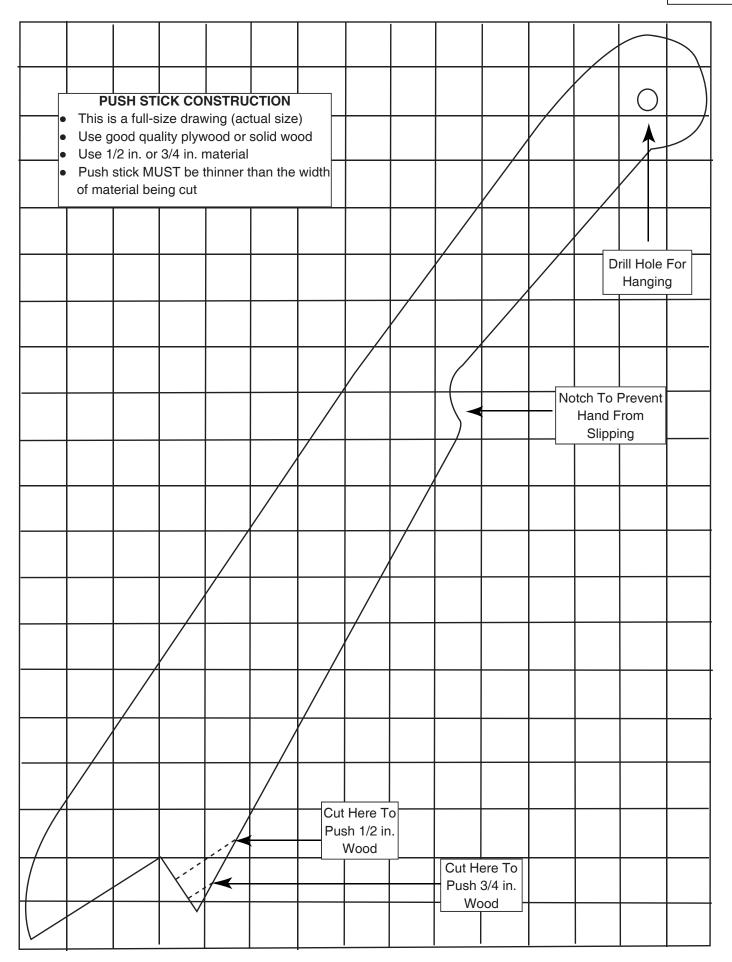
TROUBLESHOOTING GUIDE

⚠ WARNING

To avoid injury from an accidental start, turn the switch OFF and always remove the plug from the power source before making any adjustments.

• Consult Hitachi Authorized Service Center if for any reason the motor will not run.

SYMPTOM	POSSIBLE CAUSES	CORRECTIVE ACTION
Saw will not start.	1. Saw not plugged in.	1. Plug in saw.
	2. Fuse blown or circuit breaker tripped.	2. Replace fuse or reset circuit breaker.
	3. Cord damaged.	Have cord replaced by Hitachi
D	A Design of the Production of	Authorized Service Center.
Does not make accurate 45° and 90° rip cuts.	Positive stop not adjusted correctly.	Check blade with square and adjust positive stop.
	Tilt angle pointer not set accurately.	2. Check blade with square and adjust to zero.
Material pinched blade when	Rip fence not aligned with blade.	Check and adjust rip fence.
ripping.	2. Warped wood, edge against fence is not straight.	2. Select another piece of wood.
Material binds on splitter.	Splitter not aligned correctly with blade.	Check and align splitter with blade.
Saw makes unsatisfactory	1. Dull blade.	Replace blade.
cuts.	2. Blade mounted backwards.	2. Turn the blade around.
	3. Gum or pitch on blade.	3. Remove blade and clean with
		turpentine and coarse steel wool.
	4. Incorrect blade for work being done.	4. Change the blade.
	5. Gum or pitch on blade causing erratic	5. Clean table with turpentine and steel
	feed.	wool.
Material kicked back from	Rip fence out of adjustment.	Align rip fence with miter gauge slot.
blade.	2. Splitter not aligned with blade.	Align splitter with blade.
	3. Feeding stock without rip fence.	3. Install and use rip fence.
	4. Splitter not in place.	4. Install and use splitter. (with guard)
	5. Dull blade.	5. Replace blade.
	6. The operator letting go of material before	6. Push material all the way past saw
	it is past saw blade.	blade before releasing work.
	7. Miter angle lock knob is not tight.	7. Tighten knob.
Blade does not raise or tilt	Sawdust and dirt in raising/tilting	1. Brush or blow out loose dust and dirt.
freely.	mechanisms.	
Blade does not come up to	Extension cord too light or too long.	Replace with adequate size cord.
speed.	2. Low house voltage.	Contact your electric company.
Machine vibrates excessively.	1. Saw not mounted securely to workbench.	
	2. Bench on uneven floor.	2. Reposition on flat level surface. Fasten
		to floor if necessary.
	3. Damaged saw blade.	3. Replace blade.
Does not make accurate 45°	Miter gauge out of adjustment.	Adjust miter gauge.
and 90° crosscuts.		



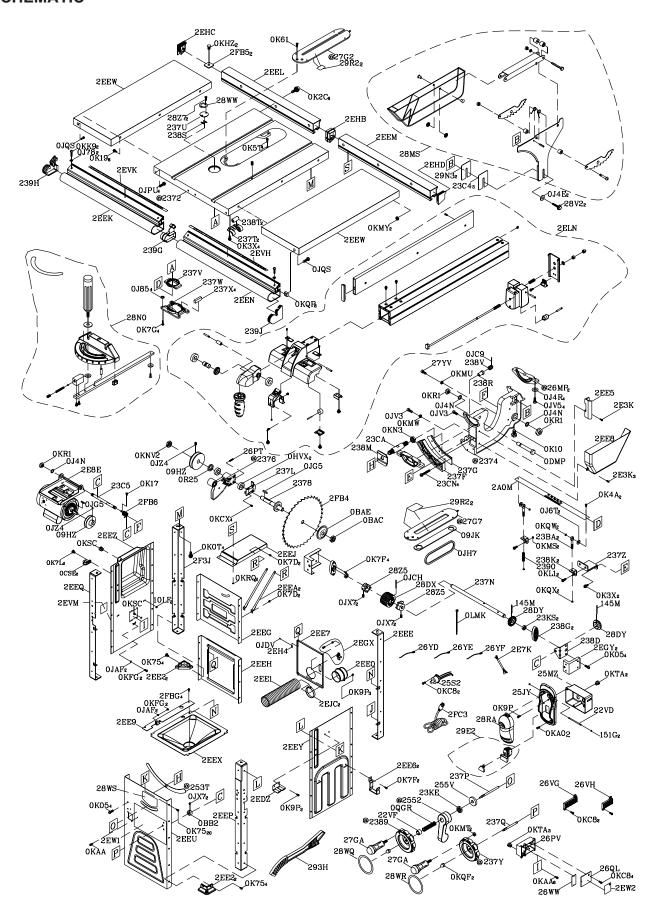
PARTS LIST

10" STATIONARY TABLE SAW PARTS LIST FOR SCHEMATIC

MODEL NO. C10LA

PAR HKU#	I.D. No	IST FOR SCHEWATIC	ei	Ob.	HKU#	LD No	Paradalla	61	04.
726436	09HZ	SPINDLE PULLEY	Size	Qty 2	726711	I.D. No 238S	Description POINTER	Size	Qty
726437	09JK	WRENCH		1	726712	238T	ROLLING WHEEL		2
726454	0BAC	SET NUT		1	726713	238V	WORM		1
726455	OBAE	ARBOR COLLAR		1	726715	239G	LINK PLATE		1
726462	OBB2	PARRLE RING		1	726716	239H	SIDE COVER (LEFT)		1
726424	0CSE 0DMP	POWER CORD CLAMP SPECIAL BOLT		2	726717	239 J 23BA	SIDE COVER (RIGHT) SCREW	M6*1.0	2
726465 726469	OHVX	BALL BEARING	6203ZZ	2	726724 726725	23BA 23C4	SCREW FLAT WASHER	M6*1.0 T=0.2MM	3
326109	0HVX 0J85	FLAT WASHER	5/16*5/8-1/16	4	726726	23C5	SHAFT	1-0.27/11/1	1
726477	0J05 0J4E	FLAT WASHER	φ6*13-1	2	726728	23CA	LOCKING ROD		i
726481	0J4N	FLAT WASHER	φ16*30-3	3	726729	23CN	HEX. SOCKET HD. CAP SCREW	M6*1.0-40	4
325963	0J4R	FLAT WASHER	φ10*20-3	4	726731	23KE	HEX. NUT	M16*1.5,T=7	1
726485	OJ6T	FLAT WASHER	3/16*3/4-1/16	2	726732	23KS	BALL BEARING		2
726491	0J78	FLAT WASHER	1/4*1/2-3/32	2	726736	253T	DUST PLATE	#CE	1
726502	OJAF	EXTERNAL TOOTH LOCK WASHER	φ5	4	726353	2552	HANDLE	#6	1
726506	0JC9	SPRING PIN		1	726737	255V	WASHER	T=3mm	1
726508	0JCH	SPRING PIN		1	726738	25JY	SWITCH MOUNTING		1
325964	0JDV	SPLIT PIN		1	726739	25MZ	SWITCH BOX		1
726517	0JG5	PARALLEL KEY V-BELT		2	726740	2582	CIRCUIT BREAKER SWITCH	#6	2
726519 726527	OJH7 OJPU	HEX. HD. BOLT	M8*1.25-20	4	726748 726749	26MP 26PT	REAR BRACKET COMPRESSION SPRING	#6	2
325965	0 JC0	HEX. HD. BOLT	M8*1.25-16	2	726750	26PV	CONNECTOR BOX	#6	1
726532	0JV3	HEX. SOC. HD. CAP BOLT	M10*1.5-20	2	726751	26QL	CONNECTOR BOX COVER	#0	1
726533	0JV5	HEX. SOC. HD. CAP BOLT	M10*1.5-35	4	726752	26VG	WIRE CONNECTOR		1
726534	OJX7	HEX. SOC. SET SCREW	M6*1.0-6	6	726753	26VH	WIRE CONNECTOR		1
726537	OJZ4	HEX. SOC. SET SCREW	M6*1.0-8	2	726754	26WW	CONNECTOR BOX COVER		1
726530	0K05	HEX. SOC. TRUSS HD. SCREW	M8*1.25-20	8	726756	26YD	LEAD WIRE ASS'Y		1
726531	OKOT	HEX. HD. SCREW AND WASHER	M8*1.25-20	4	726757	26YE	LEAD WIRE ASS'Y		1
726533	0K10	HEX. HD. SCREW AND WASHER	M8*1.25-30	1	726758	26YF	LEAD WIRE ASS'Y		1
726535	0K17	HEX. HD. SCREW AND WASHER	M8*1.25-20	1	726772	27G2	INSERT ASS'Y	#23	1
726536	0K19	HEX. HD. SCREW AND WASHER	M10X1.5-25	6	726774	27G7	INSERT ASS'Y (DADO)	#23	1
726540	0K2C	HEX. SOCKET HD.CAP SCREWS	M8X1.25-16	6	326115	27GA	HANDLE		2
726545	0K3X	CR. RE. PAN HD. SCREW & WASHER	M5X0.8-14	6	726781	27YV	HEX. SOC. HD. CAP BOLT	M10*1.5-55	1
325966	OK4A	CR. RE. PAN HD. SCREW & WASHER	M5*0.8-20	2	726788	28DX	WORM		1
325967	OK5T	CR. RE. COUNT HD. SCREW	M5*0.8-10	4	726789	28DY	BEVEL GEAR		2
726551	0K61	CR. RE. COUNT HD. SCREW	M5*0.8-12	1	726806	28MS	BLADE GUARD ASS'Y		1
325969	0K75 0K7D	CR. RE. TRUSS HD. SCREW	M6*1.0-12	28	326116	28N0 28RA	MITER GAUGE ASS'Y		
726554		CR. RE. ROUND WASHER HD. SCREW	M6*1.0-10	2	326117		SWITCH BOX COVER	14/81 0 1/	1
726555 726556	0K7F 0K7G	CR. RE. ROUND WASHER HD. SCREW CR. RE. ROUND WASHER HD. SCREW	M5*0.8-8 M5*0.8-12	6	325772 726849	28V2 28WQ	HEX WASHER HD BOLT WHEEL CAUTION STICKER	M6*1.0-16	2
726556 726558	OK7G OK7L	CR. RE. ROUND WASHER HD. SCREW CR. RE. ROUND WASHER HD. SCREW	M5*0.8-12 M6*1.0-16	2	726849	28WQ 28WR	WHEEL CAUTION STICKER WHEEL CAUTION STICKER		1
726565	OK7E OK9P	CR. RE. TRUSS HD. TAPPING SCREW	M6*14-12	6	726851	28WS	CAUTION LABEL		1
726569	0KA0	CR. RE. PAN HD. TAPPING SCREW	M5*12-20	2	726855	28WW	STICKER LABEL		1
726571	OKAA	CR. RE. PAN HD. TAPPING SCREW	M5*12-16	7	726863	28Z5	ANCHOR BLOCK		2
726574	0KC8	CR. RE. TRUSS HD. TAPPING SCREW	M4*16-16	8	326118	29E2	ROCKER SWITCH		1
726577	0KCX	CR. RE. PAN HD PLAIN WASHER TAPPING SCREW	M5*0.8-10	4	726864	28Z7	CR. RE. COUNT HD. TAPPING SCREW		2
726587	0KFG	CR. RE. PAN HD. SCREW	M5*0.8-12	4	726873	293H	PUSH BLOCK		1
326110	OKHZ	CAP HD. SQ.NECK BOLT	M6*1.0-12	2	325975	29N3	FLAT WASHER	T=0.5MM	2
726592	OKK9	SLOTTED PAN HD. SCREW	M6*120	2	325773	29R2	WARNING LABEL		2
726595	OKL1	CR. RE. PAN HD. ROUND NECK SCREW	M6*1.0-12	2	325976	2A0M	TILTING SCALE		1
726597	OKMS	HEX. NUT	M6*1.0 T=5	2	326119	2E3K	CR. RE. ROUND WASHER HD. SCREW	M5*0.8-10	3
726598	OKMT	HEX. NUT	M8*1.25 T=5	2	325977	2E7K	LEAD WIRE ASS'Y		1
726599	0KMU	HEX. NUT	M10*1.5 T=8	1	325978	2E8E	MOTOR		1
726601	0KMW	HEX. NUT	M10*1.5 T=4	1	325979	2EDZ	HOOK		1
726603	0KMY	HEX. NUT	M8*1.25 T=6.5	2	325980	2EE0	DUST COLLECTOR JOINT		1
726604	0KN3	HEX. NUT	M16*1.5 T=10	1	325981	2EE1	DUST TUBE		1
726606	0KNV	HEX. NUT	5/8*18UNF T=8	2	325982	2EE2	LEVELING PAD		4
726611	0KQF	CROWN NUT	M8*1.25 T=18	2	325983	2EE5	CHIP PLATE		1
726614	0KQP	SQUARE NUT	M8*1.25 T=6.5	6	325984	2EE6	RETAINING CLIP		2
726615	0KQW	LOCK NUT	M5*0.8 T=5	2	325985	2EE7	REAR COVER	#CE	1
726616	0KQX	NUT	M6*1.0 T=6	2	325986	2EE8	DUST COLLECTOR		
726618	OKR1	LOCK NUT SERRATED TOOTHED HEXAGON FLANGE NUT	M16*2.0 T=16	3	325987	2EE9	UPPER SUPPORT SUPPORT ROD		1
326111	0KRQ		M6*1.0 T=6	2	325988	2EEA			2
726623 325732	OKSC OKTA	STRAIN RELIEF STRAIN RELIEF		2 5	325989 325990	2EEE 2EEG	BRACKET BODY SHELL	#CE	4
726633	OLMK	LOCKING CABLE TIE		5	325990	2EEG 2EEH	BODY SHELL BODY SHELL	#CE	1
726639	0QGR	COMPRESSION SPRING		1	325992	2EEJ	EXTENSION WING	#CL	1
726640	0R25	COLLAR		i	325993	2EEK	RAIL		1
326112	10LF	HEX. NUT	M6*1.0 T=4	2	325773	2EEL	RAIL		1
726654	145M	SPRING PIN		2	325995	2EEM	RAIL		1
726655	151G	O-RING ROD		2	325996	2EEN	RAIL		1
326113	2FB4	BLADE		1	325997	2EEP	BRACKET	#CE	1
726683	22VD	PARALLEL PIN		1	325998	2EEQ	BRACKET	#CE	1
726684	22VF	SLEEVE		1	325999	2EEU	BODY SHELL	#CE	1
726346	2372	TABLE	#CE	1	326000	2EEW	EXTENSION WING	#CE	2
726347	2374	BODY	#6	1	326001	2EEX	DUST COLLECTOR	#6	1
726348	2376	HEIGHT LEVER SEAT		1	326002	2EEY	BODY SHELL	#CE	1
726349	2378	CUTTER SHAFT		1	326003	2EEZ	BODY SHELL	#CE	1
726350	2389	WHEEL	#6	1	326004	2EGX	HANDLE ASS'Y		1
726351	2390	COMPRESSION SPRING		1	326005	2EGY	RETAINING CLIP		2
726688	237F	BEVEL GEAR		1	326007	2EH4	PIN		1
726689	237G	REINFORCE PLATE		1	326008	2EHB	LINK PLATE		1
726690	237L	LOCK HANDLE		1	326009	2EHC	PLUG-BUTTON BLUG BUTTON		1
726691 726692	237N 237P	CENTER SHAFT HEIGHT REGULATER BOLT	L=296MM	1	326010 326011	2EHD 2EJC	PLUG-BUTTON HOSE CLAMP		2
726692	237P 237Q	CENTER SHAFT	L-270MM	1	I .	2EJC 2ELN	RIP FENCE ASS'Y		1
726693 726694	237Q 237T	SET PLATE		2	326120 326012	2EVH			1
	237U	SEI PLATE COVER		2	326012 326013	2EVH 2EVK	SCALE (RIGHT)		,
	237U 237V	DUST GUARD		1	326013 326014	2EVK 2EVM	SCALE (LEFT) LABEL		1
726685	237V 237W			1	1	2EVM 2EW1			1
726696		GUIDE BLOCK SPONGE			326015 326016	2EW1 2EW2	LABEL CAUTION STICKER		1
726696 726697				4	326016	2EW2 2F3J			1
726696 726697 726698	237X			1	20/101				
726696 726697 726698 726699	237X 237Y	WHEEL		1	326121		BRACKET BLADE		,
726696 726697 726698 726699 726700	237X 237Y 237Z	WHEEL SET PLATE		1	326122	2FB4	BLADE		1
726696 726697 726698 726699 726700 326114	237X 237Y 237Z 238D	WHEEL SET PLATE RETAINING CLIP		1	326122 326123	2FB4 2FB5	BLADE WASHER		1 2
726696 726697 726698 726699 726700 326114 726702	237X 237Y 237Z 238D 238G	WHEEL SET PLATE RETAINING CLIP LOCATION SEAT		1 1 2	326122 326123 326124	2FB4 2FB5 2FB6	BLADE WASHER TORSION SPRING	AAA+1 O 10	1
726696 726697 726698 726699 726700 326114	237X 237Y 237Z 238D	WHEEL SET PLATE RETAINING CLIP	T=3MM	1	326122 326123	2FB4 2FB5	BLADE WASHER	M6*1.0-12	1 2 1 4

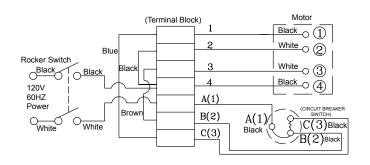
10" STATIONARY TABLE SAW SCHEMATIC

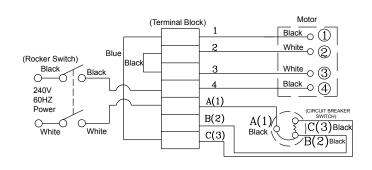


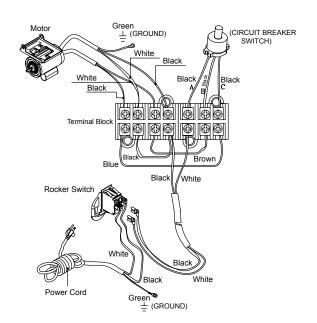
120V & 240V Wire Wirding

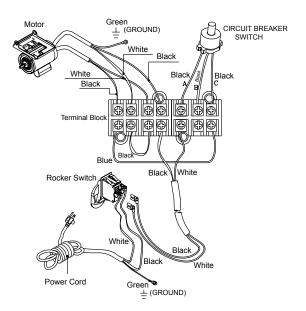
120 V Wire Wirding

240 V Wire Wirding









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Shinagawa Intercity Tower A, 15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020, Japan

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3950 Steve Reynolds Blvd. Norcross, GA 30093

6395 Kestrel Road Mississauga ON L5T 1Z5